

SECRET

Declassification Review by
NGA/DoD

PRIORITY

P 312008Z
FM NPIC WASHDC *multi*
TO RUCSBR/SAC OFFUTT AFB OMAHA NEB
RUCVAA/4080 STRAT WG OL 19 BARKSDALE AFB LA
RUCVAA/2D RTS BARKSDALE AFB LA
RUEAHQ/DIA WASHDC
RUECYH/NAVRECONTECHSUPPCEN SUITLAND MD
BWBKN/15TH AF MARCH AFB RIVERSIDE CALIF
RUWGAA/2AF BARKSDALE AFB LA
BT
S E C R E T CITE NPIC 2684

1964 JUL 31 22 06Z

3 AUG 1964

OUT53850

HFS

CJS

CFC

ENG

ACE

15TH AF (FOR DI), SAC (FOR DIM, GOLDEN TREE, DOCR, DM 4) 2D AF
(FOR DI).

1. CAMERA B-101 WAS EMPLOYED IN MISSION 3929 FLOWN 29 JULY
1964. PROCESSING WAS ACCOMPLISHED AT BARKSDALE AFB.

Grace (File)

2. ORIGINAL NEGATIVE:

A. THE EXPOSURE WAS ADEQUATE AND THE RESOLUTION IS GOOD
EXCEPT IN THE OUTBOARD CORNERS OF THE FORMATS.

B. 9R SIDE: THE INBOARD EDGE IS RELATIVELY FREE OF STATIC
DISCHARGES BUT THE OUTBOARD EDGE CONTAINS EDGE STATIC AND ROLLER-
INDUCED DISCHARGES THROUGHOUT THE PAYLOAD. IN ADDITION, UNUSUAL
AND HEAVY CONCENTRATIONS OF STATIC DISCHARGES ARE PRESENT ON THE
OUTBOARD EDGE OF THE FILM IN ROUGHLY 50 FRAMES FROM FRAME 793 TO
END OF MISSION. THE MAJORITY OF THESE STATIC BURSTS ARE CONFINED
TO SINGLE FRAMES BUT OCCASIONALLY SPAN FROM TWO TO THREE FRAMES
PER BURST. THERE IS NO DEFINABLE FREQUENCY PATTERN. SEPERATION
BETWEEN BURSTS RANGES FROM ONE TO TWENTY-FIVE FRAMES, WITH THE GREATER
SEPERATIONS TENDING TO OCCUR TOWARD END OF MISSION. THE METERING
IS IRREGULAR IN FRAMES 900-1254 AND RANGES FROM 0.05"-0.70".
FINE PLUS-DENSITY STREAKS, INTERMITTENTLY SINGLE, DOUBLE AND

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TRIPLE, ARE CONTINUOUS THROUGH THE APPROXIMATE CENTERS OF FRAMES 170-248. THESE STREAKS ARE ROUGHLY PARALLEL TO EACH OTHER AND THE LONGITUDINAL AXIS OF THE MATERIAL.

C. 9L SIDE: BOTH EDGES CONTAIN INTERMITTENT MINOR STATIC DISCHARGES, HEAD TO TAIL. ROLLER-INDUCED STATIC DISCHARGES ARE ALSO PRESENT ON BOTH EDGES THROUGHOUT THE FILM BUT ARE MORE PROMINENT OUTBOARD. FRAMES 000-299 CONTAIN A NARROW MINUS-DENSITY STREAK 0.05" INBOARD. TWO ROWS OF DENSITIZED (MINUS-DENSITY) SPOTS ARE PRESENT IN FRAMES 000-299. ONE ROW (3.35" FROM THE OUTBOARD EDGE OF THE FILM) REDUCES TO A SINGLE SPOT NEAR THE TAKE-UP ENDS OF THE FORMATS IN FRAMES 300-599. THE REMAINING ROW (3.85" FROM THE OUTBOARD EDGE OF THE FILM) CONTINUES TO FRAME 346 BEFORE REDUCING TO A SINGLE SPOT NEAR THE TAKE-UP ENDS OF FRAMES 347-599. FRAMES 046-706 CONTAIN A NUMBER OF FINE PARALLEL EMULSION SCRATCHES THAT GRADUALLY SHIFT TOWARD CENTER FROM THE INBOARD EDGE. THE METERING IS IRREGULAR IN FRAMES 600-1254 AND RANGES FROM 0.15"-0.65". PARTS 1, 2 AND 3 WERE SPOILED TAILS OUT.

D. BOTH SIDES: IMAGE MOTION IS EVIDENT IN FRAMES 086, 087, 294, 299, 488, 489, 721, 734, 735, 873, 887, 890, 992, 1037, 1038, 1062, 068 AND 1069. THE SMEARING APPEARS TO BE ROLL-ORIENTED AND IS POSSIBLY RELATED TO NECESSARY VEHICLE MANEUVERS.

E. THERE ARE NO CAMERA MALFUNCTIONS OR PROCESSING ANOMALIES OTHER THAN THOSE NOTED IN PARA 2, ITEMS A-D.

3. DUPLICATE POSITIVE:

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- A. THE PI SUITABILITY IS GOOD.
- B. PRINTING AND PROCESSING ARE GOOD.
- C. CLOUD COVER OBSCURES 25 PERCENT OF THE TERRAIN IMAGERY.

S E C R E T

--END OF MESSAGE--

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